



Docket: 14316.06

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                       |  |                          |
|-----------------------|--|--------------------------|
| First Named Inventor: | Matthew P. Dugas   |                          |
| Application No.:      | 10/705,206   |                          |
| Filing Date:          | November 10, 2003  | Examiner: Allen J. Heinz |
| Title:                | <b>THIN-FILM MAGNETIC RECORDING HEAD HAVING A TIMING-BASED GAP PATTERN FOR WRITING A SERVO TRACK ON MAGNETIC MEDIA</b> | Group Art Unit: 2653     |

TRANSMITTAL LETTER

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U.S. mail addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 25 day of July, 2005.

See Heinz

(Signature)

Dear Sir:

The following documents are enclosed in connection with the above-referenced patent application:

1. Transmittal Letter (1 pg);
2. Fee Transmittal Sheet (1 pg);
3. Our check in the amount of \$65.00 Terminal Disclaimer fee;
4. Amendment and Response along with copy of Information Disclosure Statement and PTO Form 1449 (7 pgs);

5. Terminal Disclaimer (2 pgs); and
6. Return Receipt Postcard.

Respectfully submitted,

DORSEY & WHITNEY LLP  
**Customer Number 25763**

Date: July 20, 2005

By: Min S. Xu  
Min (Amy) S. Xu, Reg. No. 39,536

Effective on 12/08/04

JUL 27 2005

**FEE TRANSMITTAL SHEET**  
**(FY 2005)**

Applicant claims small entity status (see 37 C.F.R. 1.27)

| <i>Complete if Known</i> |                   |
|--------------------------|-------------------|
| Application No.          | 10/705,206        |
| Filing Date              | November 10, 2003 |
| First Inventor           | Matthew P. Dugas  |
| Group Art Unit           | 2653              |
| Examiner Name            | Allen J. Heinz    |
| Atty. Docket Number      | 14316.06          |

**METHOD OF PAYMENT (Check One)**

Check       Credit Card       Money Order  
 Deposit Account No.: 04-1420

Deposit Account Name: DORSEY &amp; WHITNEY LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge any additional fees or underpayments of fee(s) under 37 C.F.R. 1.16 and 1.17  
 Credit any overpayments  
 Other (please identify):

**Extra Claim Fees**

| Current Claims            | Prior | Extra | Fee                         | Fee Paid  |
|---------------------------|-------|-------|-----------------------------|-----------|
| Total                     | -     | 20    | =                           | x \$ = \$ |
| Ind.                      | -     | 3     | =                           | x \$ = \$ |
| Multiple Dependent Claims |       |       | x \$                        | = \$      |
|                           |       |       | <b>Total (Extra Claims)</b> | <b>\$</b> |

**Petition Fee Under 37 CFR 1.17(f), (g), & (h)**

Enclosed is a Petition filed under 37 CFR as indicated below:

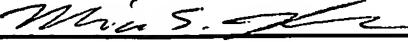
Petition Fee under 37 CFR 1.17(f)      Fee \$400  
 § 1.53(e) to accord a filing date.  
 § 1.57(a) to accord a filing date.  
 § 1.182 for decision on a question not provided for.  
 § 1.183 to suspend the rules.  
 § 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent.  
 § 1.174(b) to accord a filing date to an application under § 1.740 for extension of patent term.

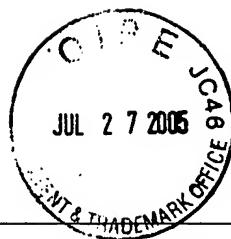
Petition Fee under 37 CFR 1.17(g)      Fee \$200  
 § 1.12 for access to an assignment record.  
 § 1.14 for access to an application.  
 § 1.47 for filing by other than all inventors or person not the inventor.  
 § 1.59 for expungement of information.  
 § 1.103(a) to suspend action in an application.  
 § 1.136(b) for review of a request for ext. of time when § 1.136(a) not avail.  
 § 1.295 for review of refusal to publish a statutory invention registration.  
 § 1.296 to withdraw a req. for pub. after notice of intent to publish issued.  
 § 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.  
 § 1.550(c) for request for ext. of time in *ex parte* reexam. proceedings.  
 § 1.956 for request for ext. of time in *ex parte* reexam. proceedings.  
 § 5.12 for expedited handling of foreign filing license.  
 § 5.15 for changing the scope of a license.  
 § 1.5.25 for retroactive license.

Petition Fee under 37 CFR 1.17(h)      Fee \$130  
 § 1.19(g) to request documents in a form other than provided in this part.  
 § 1.84 for accepting color drawings or photographs.  
 § 1.91 for entry of a model or exhibit.  
 § 1.102(d) to make an application special.  
 § 1.138(c) to expressly abandon an application to avoid publication.  
 § 1.313 to withdraw an application from issue.  
 § 1.314 to defer issuance of a patent.

| <b>FEE CALCULATION (Continued)</b> |                  |  |   |
|------------------------------------|------------------|--|---|
| <b>3. ADDITIONAL FEES</b>          |                  |  |   |
| Large Entity Fee                   | Small Entity Fee | Fee Description  | Fee paid                                |
| 50                                 | 25               | Surcharge - late provisional filing fee or cover sheet                     |   |
| 130                                | 65               | Surcharge - Late nonprovisional filing fee or oath                         |   |
| 180                                | 180              | Submission of IDS  |   |
| 40                                 | 40               | Recording each patent assignment per property (times number of properties) |   |
| 120                                | 60               | Extension for reply within first month                                     |   |
| 450                                | 225              | Extension for reply within second month                                    |   |
| 1,020                              | 510              | Extension for reply within third month                                     |   |
| 1,590                              | 795              | Extension for reply within fourth month                                    |   |
| 2,160                              | 1,080            | Extension for reply within fifth month                                     |   |
| 790                                | 395              | Submission After Final 1.129   |   |
| 500                                | 250              | Notice of Appeal   |   |
| 500                                | 250              | Filing a brief in support of an appeal                                     |   |
| 1,000                              | 500              | Request for oral hearing   |   |
| 130                                | 65               | Terminal Disclaimer Fee  | \$65.00                                 |
| 1,400                              | 700              | Utility & Reissue Issue Fee  |   |
| 800                                | 400              | Design Issue Fee   |   |
| 790                                | 395              | Request for Continued Examination (RCE)                                    |   |
| 300                                |                  | Request for voluntary publication or republication                         |   |
| 500                                | 250              | Petition to Revive - unavoidable   |   |
| 1,500                              | 750              | Petition to Revive - unintentional   |   |
| 200                                |                  | Filing for patent term adjustment  |   |
| 400                                |                  | Request for reinstatement of term reduced                                  |   |
| 1,120                              |                  | Extension of term of patent  |   |
| <b>OTHER FEE (specify)</b>         |                  |  |   |
|                                    |                  |  | Subtotal (Additional Fees) \$65.00      |
|                                    |                  |  | <b>Total Amount of Payment: \$65.00</b> |

Submitted by:

|  |                           |                         |
|--|---------------------------|-------------------------|
| CUSTOMER NUMBER<br><b>25763</b>  | DORSEY & WHITNEY LLP      |                         |
| Name: Min (Amy) S. Xu  | Phone No.: (612) 752-7367 | Fax No.: (612) 340-8856 |
| Signature:  | Reg. No.: 39,536          | Date: July 26, 2005     |



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AMENDMENT AND RESPONSE UNDER 37 C.F.R. 1.111

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U. S. mail addressed to: Mail Stop Amendment, Commissioner for Patents, P. O Box 1450, Alexandria, VA 22313-1450, on this 25 day of July, 2005.

Sue Heinz

(Signature)

Sir:

In response to the Office Action of June 24, 2005, please amend the above-identified application as follows:

The listing of claims begins on page 2 of this paper.

Remarks/Arguments begin on page 3 of this paper.